Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 16 Aug 2021 until 23:59 on Tuesday 17 Aug 2021

Forecast Issued on Monday 16 Aug 2021 at 04:04

Confidence: High for overall theme, moderate for location and intensity of rainfall.

Headline for Monday 16 Aug 2021: Sunny spells, low risk of a shower.

Mountain weather hazards on Monday 16 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
20%	20%	10%	10%	10%	20%

Forecast for Monday 16 Aug 2021

Weather: Rather cloudy at first, however brighter conditions should spread in. Fair weather cloud will bubble up from late morning and there is the outside chance of a light shower during the afternoon. A breezy day, particularly on exposed western slopes. Into the evening the weather will quickly deteriorate with widespread low cloud moving across the park and rain and drizzle arriving by midnight.

Chance of cloud free mountain/hill tops above 600m: 60% initially, becoming 90% early in the morning before deteriorating again overnight.

Visibility: Mostly good, although poor for some western areas with cloud base 500-600m early in the morning.

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Mountain Weather Forecast

Forecast for Monday 16 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 NW	17/24 NW	18/25 NW	16/23 NW	13/20 W	12/18 W	17/23 W
300	11/23 NW	12/23 NW	12/23 NW	13/24 NW	10/20 W	9/20 W	10/21 W
Valley	6/17 NW	11/22 NW	11/23 NW	13/24 NW	10/20 W	6/17 NW	8/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/6	12/8	13/10	12/9	10/7	10/6
300	11/9	12/10	14/12	16/13	14/12	12/10	12/10
Valley	12/11	14/12	16/14	17/14	16/14	13/12	13/12
Freezing Level*	2100m	1800m	1700m	1900m	1900m	2700m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally fine day, particularly in the east of the park. Sun protection may be required, despite feeling cool with the brisk winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 16 Aug 2021	1.4mm	3.6mm	3.6mm

Forecast for Tuesday 17 Aug 2021

Weather: Widespread low cloud with rain and drizzle in the early hours, steadily improving during the morning as the cloud lifts and rain becomes light and intermittent, but likely remaining overcast throughout the rest of the day.

Maximum wind: West-northwesterly 20mph gusting 30mph

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 70% by midday

Visibility: Very poor at first with cloud base 300m, improving to good later in the day.

Temperature: **Valleys:** Plus 12 Celsius increasing to 17 Celsius
At 600m: Plus 10 Celsius increasing to 12 Celsius
Freezing level: Above summits

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